

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D186**

'The laws of nature are but the mathematical thoughts of God.'  
Euclid

[www.and-just-math.com](http://www.and-just-math.com)

We are not mathematicians, but we love mathematics and create formulas ourselves.

'No other science boosts the faith in the strength of the human spirit like mathematics.'  
Hugo Steinhaus

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{28 \times [(k+4) \times p_{k+1}^2 - p_k^2] - (k+4)! \times (p_{k+1}^2 - p_k^2)}{p_k^2 \times p_{k+1}^2 \times (k+4)!} = \frac{1}{24}$$

$p_k$  ( $k$ -th prime number)

**NEW MATHEMATICAL FORMULA DAILY**